

*ABSTRACT AMENDMENTS*

Replace the Abstract with:

A thermal type infrared detector ~~including~~ includes a substrate ~~(105)~~; a temperature sensor ~~(103)~~ of which electric having electrical characteristics ~~are~~ changed in accordance with changes in temperature caused ~~through~~ by infrared absorption; heat-insulating supporting legs ~~(102)~~ for supporting and thermally insulating the temperature sensor ~~(103)~~ in a heat-insulating manner and serving as signal lines for reading out ~~electric~~ electrical signals from the ~~said~~ temperature sensor ~~(103)~~; and an infrared absorption layer ~~(101)~~ having in thermal contact the temperature sensor ~~(103)~~, ~~wherein each~~. Each of the temperature sensor ~~(103)~~, the heat-insulating supporting legs ~~(102)~~, and the infrared absorption layer ~~(101)~~ is ~~formed in a different planes that~~ plane and the planes are spatially apart separated from each other.